

Title (en)
ORGANIC ELECTROLUMINESCENT DEVICE

Title (de)
ORGANISCHE ELEKTROLUMINESZENTE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTROLUMINESCENT ORGANIQUE

Publication
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Application
EP 20865694 A 20200827

Priority
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Abstract (en)
[origin: EP4033556A1] The present invention relates to an organic electroluminescent device in which a light-emitting layer includes a plurality of hosts and dopants, wherein the same material as in a hole transport auxiliary layer in a hole transport region is used in one of the plurality of hosts, whereby the organic electroluminescent device simultaneously exhibits effects such as high luminous efficiency, low driving voltage, and a long lifespan.

IPC 8 full level
H10K 50/00 (2023.01); **H10K 99/00** (2023.01); **H10K 50/11** (2023.01); **H10K 50/16** (2023.01)

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C09K 11/06 (2013.01 - US); **H10K 50/11** (2023.02 - CN EP KR); **H10K 50/12** (2023.02 - CN KR); **H10K 50/165** (2023.02 - CN KR); **H10K 50/166** (2023.02 - EP); **H10K 85/615** (2023.02 - EP US); **H10K 85/622** (2023.02 - EP US); **H10K 85/626** (2023.02 - EP US); **H10K 85/649** (2023.02 - CN KR); **H10K 85/654** (2023.02 - CN EP KR US); **H10K 85/657** (2023.02 - US); **H10K 85/6572** (2023.02 - CN EP KR US); **H10K 85/6574** (2023.02 - EP US); **C09K 2211/1018** (2013.01 - US); **H10K 50/11** (2023.02 - US); **H10K 50/12** (2023.02 - US); **H10K 2101/10** (2023.02 - US); **H10K 2101/30** (2023.02 - EP US); **H10K 2101/40** (2023.02 - CN EP US); **H10K 2101/90** (2023.02 - EP US)

Citation (search report)
• [Y] EP 3480278 A1 20190508 - SAMSUNG SDI CO LTD [KR]
• [Y] KR 101884130 B1 20180731 - DOOSAN CORP [KR]
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• See also references of WO 2021054640A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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